



AMENDMENTS TO THE SPECIFICATION

Please insert the following paragraphs after the paragraph which ends on line 3, page 19:

The nucleotide sequence (SEQ ID NO:185) having GenBank accession number L32836 (Mus musculus) is:

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1 ccagcatgtc tgataaaactg ccctacaaag tcgcggacat cggactggcc gcctgggac
61 ggaaggctct ggatatacgat gagaatgaga tgccaggatt gatgcgcacat cggagatgt
121 actcagccctc caagccactg aagggtgctc gcattgctgg ctgcctgcac atgaccgtgg
181 agactgctgt tctcatttagt actctcgtagt ccctgggtgc tgaggtgcgg tggccagct
241 gcaacatctt ctctactcag gaccatgcag cggctgcacat tgccaaaggct ggcattccag
301 tgttgcctg gaaggcgag acagatgagg agtacctgtg gtgcatttagt cagacgctgc
361 acttcaagga cggacccctc aacatgattc tggatgatgg tgggacacat actaacatca
421 tccacaccaa atacccacag cttctgtcag gcacatccggat tatctctgag gagaccacga
481 ctggggtcca caacatctac aagatgatgtt ccaatggat actgaacgtg cctgcatca
541 atgtcaacga ttctgtcacc aagagcaagt ttgacaacat ctatggctgc cgggagtccc
601 tcatagatgg catcaaacgg gccacagatg tgatgattgc gggcaaggtg gcgggtgg
661 caggctatgg tgatgtggc aagggtgtg cccaggccctt gagggtttt ggggcccgg
721 tcatcatcac cgagatcgtc cccatcaatg cactgcaagc tgccatggag ggctatgagg
781 taaccactat ggacgaagcc tgtaaggagg gcaacatctt tgcaccacc acaggctgtg
841 tggatatcat ccttggccgg cactttgagc agatgaagga tgacgcccatt gtctgtaa
901 ttggacactt cgatgtggag attgatgtga agtggctcaa tgagaacgcg gtggagaaag
961 tgaacatcaa gccccagggtg gaccgtact ggctaaagaaa tggccgcgcgc atcatcttgc
1021 tggctgaagg ccgtctggtc aacctgggtt gtgcctggg acaccccagc ttcgtatga
1081 gcaactcctt cacaaccagg gtgtggcac agattgagct gtggacccac ccagataaaat
1141 accctgttgg ggttacttc ctgcctaaga agctggatga ggcgggtggctt gaagccacc
1201 tggcaagct gaatgtgaag ctgaccaagc tgactgagaa gcaagccag tacctggca
1261 tgcccatcaa cggcccttc aagcctgatc actaccgcta ctgagagctg gggctgtcct
1321 tcaccttcca gctgccatcc aagttccggg cccacctctc gtccccaaaga gccaatgtca
1381 ccaactttgtt ggttagtttgc cctgtgttct gatccgtccc ccgcggggccat tcctcactgt
1441 ggctggtcac tccgtctttg gcctctgtc caccctcat actgtccat atgtggcatc
1501 gagaacacagag agaggtacat ggtaggcattt cacaggggac atgatctcag aagtcttgg
1561 agtcctgagg ctggatgttgc ttagtgcatttgc tcacaagccat tgcacccat cattgatacc
1621 ctcacttggt ctttagatct gtgtgcctgg tttgcagatc cattggtttgc tcagtccagg
1681 acccaagaac gagctccacc aaagagcagg aacccctggat gtttgaaggc ccccgagagc
1741 tggcccttt tactgttggg cagtcttta aacccatgtt tactgatgg tgcactttttt
1801 tggcccttat ttcacaagggtt ttcaggatag attaaccaag aaaggacaag tgacagactg
1861 aaaggggctg gaaaacaaga gaaaggcct gtcactgtat agttgatggt tcctgtcaca
1921 agcccagggtc acaaacagat taatttggat tataatgtttt atatgttatt tagaatgtt
1981 acaaaggaaag gtggataaaaa tacagttct actgcctaaa gaattttggc tctattaaaa
2041 tgtaagtgtg tggctgg

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The nucleotide sequence (SEQ ID NO:186) having GenBank accession number M15185 (Rat) is:

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1 ctcactctag cggaacttcgc cagcatggct gataaaactgc cctacaaaagt cgcggacatt
61 ggactggctg cctggggacg gaaggccctg gacatagctg agaacgagat gccaggttg
121 atgcgcatgc gggagatgta ctcagcctcc aagccactga agggcgctcg cattgctg
181 tgcctgcaca tgactgtgga gactgctgtc ctcattgaga ctctcggtgc cctgggtgct
241 gaggtgcgggt ggtcagctg caacatcttc tccactcagg accatgcagc ggctgccatt
301 gccaaggctg gcattccagt gtttgcctgg aaggagaga cggatgaaga gtacctgtgg
361 tgcattgagc agacgttgca cttcaaggac ggaccctca acatgattct gatgtatggc
421 ggtgaccta ctaacctcat ccacacaaa caccacacgc ttctgtcagg catccgaggt
481 atctctgagg agaccacgac tggcgccac aacctctaca agatgtatggc caatgggata
541 ctgaagggtc ctgccatcaa cgtcaacat tctgtcacca agagcaagtt tgacaaccc
601 tatggctgcc gggagtcct catagatggc atcaaacggg caacagatgt gatgattg
661 ggcaagggtgg cagtggtagc aggctatggt gatgtggca aggggtgtgc ccaggccctg
721 cggggttcgc gggcccgagt catcatcacc gagattgacc ccatcaatgc actgcaagct
781 gccatggagg gctacgaggt aaccacccat gacgaggccct gtaaggaggg caacatctt
841 gtgaccacca cgggctgtgt tgatatcatc cttggcgcc actttgaaca gatgaaggat
901 gatgccattg tctgtacat tggacacttc gacgtggaga ttgatgtgaa gtggctcaat
961 gagaacgctg tggagaaggt gaacatcaag ccccgagggtt accgctactt gctaaagaat
1021 gggcacccga tcacatctgt ggctgagggc cgctggtaa acctgggttgc tgccatggc
1081 caccccaagct tcgtgtatgag caactccctc acaaaccagg tgcgtgcaca gattgagctg
1141 tggaccaccacc cagacaaata ccccggtgggg gttcacttcc tgcctaaagaa gctggatgag
1201 gcagtggctg aagcccaccc gggcaagctg aacgtcaagc tgaccaagct gactgagaag
1261 caggctcaatg acctggcat gcccattaaac ggcccttca agcctgtatca ctaccgtac
1321 tgagagctgg gactggccctt caccttccag ctgccatccct tgcctccaggc cctaccttc
1381 gttccaaaga gcaaattgtca ccaacttgc agttacttct ccgggtttct gtcctccccc
1441 cggccctca tccacactgt gactggctt tctgtctttt gcttctgtcg taccctcat
1501 actgtccct atgtggcata gagaacagag aggtacctgg gaggcatcca cagggatct
1561 gagctcttgg aaggcttgag gctggatgtt gctgggtggc acaagcccat gcacccctact
1621 atccaaactc tcgcttggtc ttttagatccg tgcgtttgtt ttacagacca atggttctc
1681 ggcccaggac ccaagaagga gctctaccat gggggaaagga accactggag tttgaaggct
1741 cctgagagct tggcctttt actgtttggc tgcgtctaa acctcctaactt actgagttgg
1801 ctactttgg tccctatttc acaagggtta ggacagatcca accaagaaag gacaagtgac
1861 agagactgaa aggggctgga aaaacaaata gggaaaggcc tgcacccatc ggtataattg
1921 atggttccta tcacacaaggctt ggtcacaaa cagattaatt tgcgtatgt ttatatactg
1981 tttagaatgt taacacagga aggtggataa aatacagttt ctatgtgcct

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The nucleotide sequence (SEQ ID NO:187) having GenBank accession number M61831 (human) is:

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1 ctgaggccca gcccccttcg cccgttcca tcacgagtgc cgccagcatg tctgacaaac
61 tgcctacaa agtcgcccac atcggcctgg ctgcctgggg acgcaaggcc ctggacattg
121 ctgagaacga gatgcccggc ctgatgcgtt tgccggagcg gtactcgcc tccaagccac
181 tgaagggcgc cgcacatcgat ggctgcctgc acatgaccgt ggagacggcc gtcctcattg
241 agaccctcgat caccctgggt gctgagggtgc agtggtccag ctgcaacatc ttctccaccc
301 agaaccatgc ggcggctgcc attgccaagg ctggcattcc ggtgtatgcc tggaaggccg
361 aaacggacga ggagtacctg tggtgcatgg agcagaccct gtacttcaag gacggggccc
421 tcaacatgtat tctggacgac gggggcgacc tcaccaaccc catccacacc aagtacccgc
481 agcttctgccc aggcacatcgat ggcacatctgc agggagaccac gactgggtc cacaacctct
541 acaagatgtat ggcacatgggg atcctcaagg tgcctgcccataatgtcaat gactccgtca
601 ccaagagcaa gtttgcacac ctctatggct gccggagtc cctcatagat ggcacatcaagc

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661 gggccacaga tgtgatgatt gccggcaagg tagcggtggt agcaggctat ggtgatgtgg
 721 gcaagggctg tgcccaggcc ctgcggggtt tcggagcccc cgtcatcatc accgagattg
 781 accccatcaa cgcaactgcag gctgccatgg agggctatga ggtgaccacc atggatgagg
 841 cctgtcagga gggcaacatc tttgtcacca ccacaggctg tattgacatc atccttggcc
 901 ggttaggtgcc agatgggggg tcccggggag tgagggagga gggcagagtt gggacagctt
 961 tctgtccctg acaatctccc acggcttgg gctgcctgac aggcactttg agcagatgaa
 1021 ggatgatgcc atttgtgtta acattggaca ctttgacgtg gagatcgatg tcaagtggct
 1081 caacgagaac gccgtggaga aggtgaacat caagccgcag gtggaccgggt atcggttggaa
 1141 gaatgggcgc cgcacatcc tcgtggccga gggtcggctg gtcaacacctgg gttgtgccat
 1201 gggccaccccc agcttcgtga tgagtaactc cttcaccaac caggtatgg cgccagatcga
 1261 gctgtggacc catccagaca agtaccccg tggggttcat ttccctgccc agaagctgga
 1321 tgaggcagtg gctgaagccc acctgggcaa gctgaatgtg aagttgacca agctaactga
 1381 gaagcaagcc cagtaacctgg gcatgtcctg tgatggccccc ttcaagccgg atcactaccg
 1441 ctactgagag ccaggctctgc gtttccacctt ccagctgctg tccttgccc gggccaccc
 1501 ctccctcccta agagctaattt gcaccaactt tggatgggt ttgtcagtgt ccccccattcga
 1561 ctctctgggg ctgatcaattt agttttggc ctctgctgca gccgtcatac tggccaaat
 1621 gtggcagcgg gaacagagta ccctttcaa gcccggcgtca tgatggaggt cccagccaca
 1681 gggaaaccatg agtcactgtgg tcttggaaaca gtcactaag tcagtccttc tttagcctgg
 1741 aagtcaactgtgg tggagtccaca aagcccatgt gttttggcat ctaggcccttc acctggctcg
 1801 tggacttata cctgtgtgct tggtttacag gtccagtggt tcttcagccca atgacagatg
 1861 agaaggggct atattgaagg gcaaagagga actgttggtt gaatttcct gagagcctgg
 1921 cttagtgctg ggccttcattaaacccat tacaatgagg ttagtacttt tagtccctgt
 1981 tttacagggg tttagaataga ctgttaaggg gcaactgaga aagaacagag aagtgacagc
 2041 taggggttga gagggggccag aaaaacatga atgcaggcag atttcgtgaa atctgccacc
 2101 actttataaac cagatggttc ctccatcaccc cctgggtcaa aaagagaata atttggccata
 2161 taatgttaaa agaaagcagg aaggtggta aataaaaatc ttgggtgcctg g

The nucleotide sequence (SEQ ID NO:188) having GenBank accession number M61832 (human) is:

1 ggcccagccc ctttcgtcccg tttccatcac gagtgccgcc agcatgtctg acaaactgcc
 61 ctacaaatgc gccgacatcg gcctggctgc ctggggacgc aaggccctgg acattgctga
 121 gaacgagatg ccggggctga tgcgtatgcg ggagcggta tcggcctcca agccactgaa
 181 gggcgccgc atcgctggct gcctgcacat gaccgtggag acggccgtcc tcattgagac
 241 cctcgccacc ctgggtgtcg aggtgcagtg gtccagctgc aacatcttct ccacccagga
 301 ccatgccccg gtcgcattt ccaaggctgg cattccggc tatgcctgga agggcgaaac
 361 ggacgaggag tacctgtggt gcattggca gaccctgtac ttcaaggacg gggccctcaa
 421 catgatctg gacgacgggg gcgacccatc caacctcatc cacaccaatg accccgagct
 481 tctgcccaggc atccgaggca tctctgagga gaccacgact ggggtccaca acctctacaa
 541 gatgatggcc aatgggatcc tcaagggtgcc tgccatcaat gtcaatgact ccgtcaccaa
 601 gagcaagttt gacaacctct atggctgccg ggagtcctc atagatggca tcaagcgggc
 661 cacagatgtg atgattgccg gcaaggtagc ggtgttagca ggctatggtg atgtgggcaaa
 721 gggctgtgcc caggccctgc ggggtttcg agcccgctc atcatcaccg agattgaccc
 781 catcaacgca ctgcaggctg ccatggagggt ctatgagggt accaccatgg atgaggcctg
 841 tcaggaggc aacatcttgc tcaccaccac aggctgtatt gacatcatcc ttggccggca
 901 ctttgagcag atgaaggatg atgcccattgt gtgtacatt ggacactttg acgtggagat
 961 cgatgtcaag tggctcaacg agaacgcccgt ggagaagggt aacatcaagc cgccagggtgaa
 1021 ccggatcggttgg ttagaaatgg ggcgcgcgtt catcctgctg gcccgggttc ggctggtaa
 1081 cttgggttgc gccatggcc accccagtt cgtgatgagt aactccttca ccaaccaggt

1141 gatggcgcag atcgagctgt ggaccatcc agacaagtac cccgttgggg ttcatttcct
1201 gccaagaag ctggatgagg cagtggctga agcccacctg ggcaagctga atgtgaagtt
1261 gaccaagcta actgagaagc aagcccagta cctggcatg tcctgtgatg gccccttcaa
1321 gccggatcac taccgctact gagagccagg tctgcgtttc accctccagc tgctgtcctt
1381 gcccaggccc cacctctcct ccctaagagc taatggcacc aacttgtga ctggttgtc
1441 agtgtcccccc atcgactctc tggggctgat cacttagttt ttggcctctg ctgcagccgt
1501 catactgttc caaatgtggc agcgggaaca gagtaccctc ttcaagcccc ggtcatgatg
1561 gaggtcccag ccacaggaa ccatgagctc agtggtcttga acagctca ctaagtca
1621 ctttccttag ccttggaaagcc agtagtggag tcacaaagcc catgtttttt gccatctagg
1681 ctttcacctg gtctgtggac ttatacctgt gtgcttgggt tacaggtcca gtggttcttc
1741 agcccatgac agatgagaag gggctatattt gaaggcaaaa gaggaactgt tgtttgaatt
1801 ttccctgagag ccttggcttag tgctggcct tctctaaac ctcattacaa tgaggtagt
1861 acttttagtc cctgtttac aggggttaga atagactgtt aaggggcaac tgagaaagaa
1921 cagagaagtg acagctaggg gttgagaggg gccagaaaaa catgaatgca ggcagatttc
1981 gtgaaatctg ccaccacttt ataaccagat ggttccttca acaaccctgg gtcaaaaaga
2041 gaataatttg gcctataatg taaaaagaaa gcaggaaggt gggt